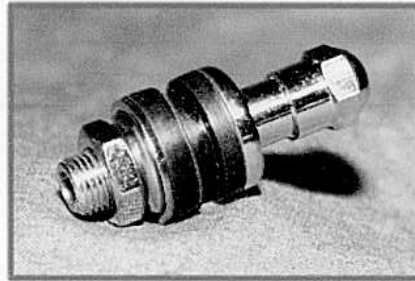
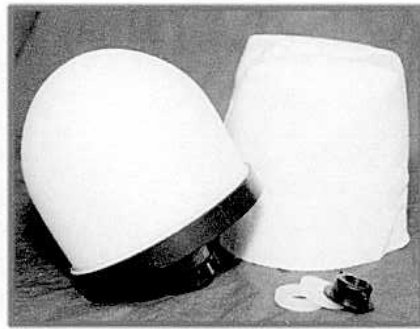


PRESSURE DRIP FILTER SYSTEM

MODEL-JW-PD-1-70



JUST WATER

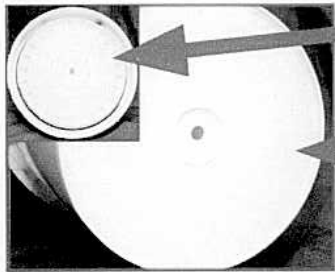
www.justwater.me

PRESSURE DRIP FILTER SYSTEM



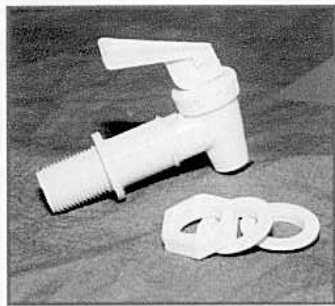
Top bucket

5 gallon bucket that has a screw on type lid. This container is air tight.



Lid with 5/8 inch hole drilled in its' center.

Top bucket with 5/8 inch drilled in its' bottom.



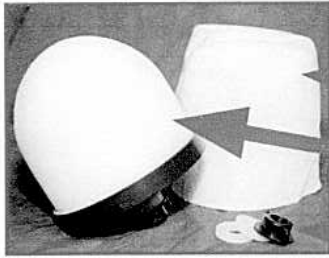
Spigot

2 washers and Hex Nut



Spigot installed in the bottom bucket. 3/4 inch hole drilled 2 inches above the bottom rim.

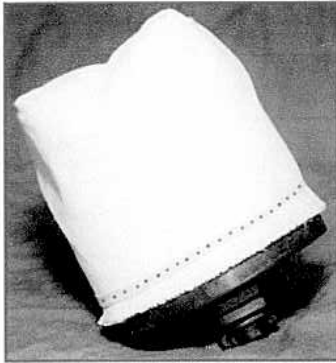
PRESSURE DRIP FILTER SYSTEM



Sock

Ceramic 4X4 filter

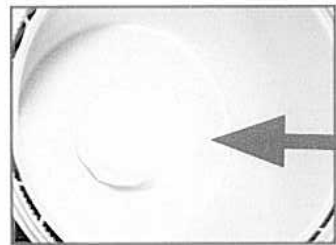
2 washers and wing nuts



**Ceramic filter with rubberband
(red dots).**

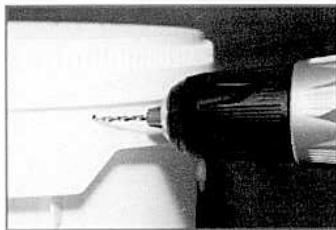


**Stem of filter, going through the
top bucket and the lid of the bottom
bucket. The washer and the wing
nut have been installed.**



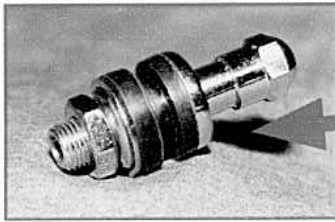
**Top bucket with filter and sock
installed.**

BOTTOM CONTAINER

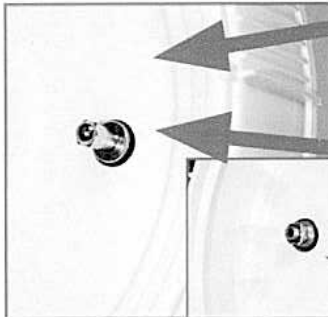


**Drill vent hole, 1/16 inch, in the top
section of the bucket.**

PRESSURE DRIP FILTER SYSTEM



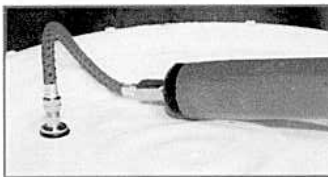
Schrader Valve



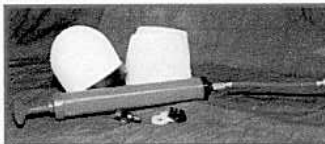
Midway between the center of the top lid and its' outside edge, drill a 3/8 inch hole.

Schrader Valve installed in top lid.

Underside of top lid with Schrader Valve.



Air pump attached to Schrader Valve.



Ceramic filter, sock, air pump, Schrader Valve, and 2 washers with wing nuts.



Complete filter unit with air pump attached.

Bucket with screw lid that is air tight.

Container to hold filtered water.

PRESSURE DRIP FILTER SYSTEM

- 1. Before using the filter system the bottom bucket should be cleaned with a bleach-water solution (1 teaspoon (4.9 ml) bleach to 1 cup (240 ml) water. Using filtered water and bleach wipe down the inside of the bottom bucket and let air dry for 30 minutes. Rinse with additional filtered water.*
- 2. After the top bucket is filled with water, screw on the lid. Attach the air pump and begin to pump air into the bucket. Stop when slight resistance is felt. Detach the air pump or air will leak out through the pump.*
- 3. As water drains out of the top bucket, additional air may have to be pumped into the bucket.*
- 4. When removing the top lid, unscrew it slowly to relieve any pressure in the bucket.*
- 5. When there is a decrease in water production, clean the sock and use a scrubber pad on the ceramic filter. Scrub the surface of the ceramic filter, lightly.*
- 6. DO NOT CLEAN THE SOCK OR THE FILTER WITH ANYTYPE OF SOAP PRODUCT.*
- 7. DO NOT LET CHILDREN OPERATE THE AIR PUMP.*

PRESSURE DRIP FILTER SYSTEM

1. Top bucket—locate the center point in the bottom of the bucket. Drill a 5/8 inch hole at this point.
2. Place the top bucket on the lid of the bottom bucket. Going through the hole, in the top bucket, mark the lid. Drill a 5/8 inch hole.

IT IS VERY IMPORTANT THAT THE HOLES IN THE BUCKET AND THE LID MATCH PERFECTLY.

3. The hole for the spigot, in the bottom bucket, is located about 2 inches above the bottom rim, of the bucket. Drill a 3/4 inch hole.
4. Drill a 1/16 inch hole just below the rim of the bottom bucket. This will be a vent hole.
5. Top Bucket Lid-Locate a spot about midway between the center of the lid and its outside edge. Drill a 3/8 inch hole. This is where the air valve will be located.

INSTALLING THE SPIGOT

6. Place 1 washer on the spigot, flat side against the flange of the spigot, and insert the spigot into the hole, in the bottom bucket.
7. Place the 2nd washer onto the spigot, angled side towards the wall of the bucket, and begin to screw on the nut.
8. Tighten the nut beyond finger tight. Straighten the spigot so its spout points directly downwards.
9. Fill about 1/3 of the bucket with water and check for leaks.
10. Continue to tighten the nut if necessary.

INSTALLING THE FILTER

11. Place one washer on the stem of the filter.
12. Insert the stem through the hole of the top bucket and through the lid of the bottom bucket.
13. Place the 2nd washer on the stem of the filter and attach the wing nut.
14. Tighten the wing nut beyond finger tight.
15. Fill about 1/3 of the top bucket with water and check for leaks.
16. Check for leaks. Continue to tighten the wing nut if necessary.
17. Place the sock over the filter and use one rubber band to hold the sock in place.

INSTALLING THE AIR VALVE

18. Remove the 2 nuts, rubber washer, and metal washer from the stem of the air valve. Insert the stem through the hole in the top lid.
19. Attach the rubber washer then the metal washer and one nut and tighten the nut beyond finger tight.

FILLING INSTRUCTIONS

- 1) Before using the filter system it is recommended to sanitize the buckets with a diluted bleach solution. 1 teaspoon of bleach mixed with 1 cup of water will do the job.
- 2) Wipe down the outside and the inside of each bucket with the bleach solution. Let stand for 3-5 minutes then wipe off with a dry paper towel or cloth towel.
- 3) Assemble the filter unit and set on a level surface.
- 4) Fill the top bucket with water.
- 5) Screw on the lid and attach the air pump to the air valve. Pump until you have a slight resistance. Unscrew the air pump.

FLOW RATE

- 6) It will usually take a couple of days for the flow rate to reach its' maximum output—around 1-1.5 gallon per hour. The flow rate increases as the ceramic shell and the mixed media (inside the ceramic shell) become saturated with water.

CLEANING INSTRUCTIONS

- 7) When the flow rate of the filter decreases, this would indicate that the sock and the filter might need to be cleaned.
- 8) Using rubber gloves remove the sock and rinse it in clean water.
- 9) As the filter is used and is in contact with dirty water the white ceramic shell will become stained and the pores of the clay will become clogged with particulates.
- 10) Using a Scotch-Brite pad (green scrub pad) GENTLY rub the surface of the filter. This will remove some of the stain and the dirt.
- 11) Rinse with clean (filtered) water.
- 12) Reassemble the filter unit and fill it with water.

NEVER USE ANY TYPE OF SOAP WHEN CLEANING THE BUCKETS, THE SOCK OR THE FILTER. THIS WILL RUIN THE FILTER AND WILL NO LONGER FUNCTION PROPERLY.